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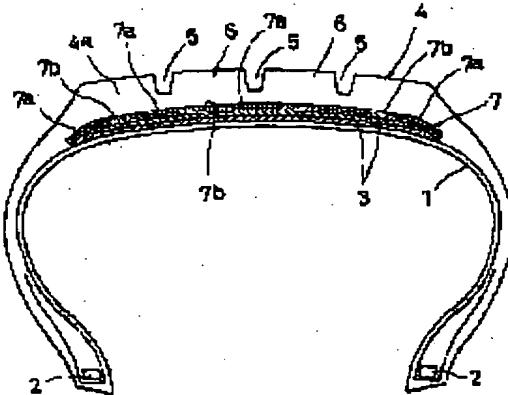
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(54) RADIAL TIRE

(57) Abstract:

PURPOSE: To decrease the weight of a radial tire equipped with a reinforcing layer outer than a belt layer and reduce its rolling resistance.

CONSTITUTION: Reinforcing ply layers 7a composed of organic fiber cords are arranged as auxiliary reinforcing layers 7 on the outer side at both ends of belt layers 3 and under 5 pattern grooves. High rebound rubber layers 7b are arranged in an area between the reinforcing ply layers. Since the high rebound rubber layers 7b have a $\tan \delta$ of not more than 0.2, the reinforcing ply layers 7a can decrease the deformation of tire in the direction of cross section of the tire and the high-rebound rubber layers 7b under a rubber block can decrease heating of this part, resulting in decreased rolling resistance. Since the reinforcing ply layers 7a are provided only in the lower part of the pattern grooves 5, the weight of the tire can be reduced.



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